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A.

PTO/SB/05 (11/00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	454313-3154.2
First Inventor	Jean-Christophe Francis AUDONNET et al.
Title	IMPROVED DNA VACCINES FOR FARM ANIMALS, IN PARTICULAR BOVINES AND PORCINES
Express Mail Label No.	EL742666244US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
- Applicant claims small entity status.
See 37 CFR 1.27.
- Specification
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix.
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (*if filed*)
 - Detailed Description
 - Claim(s) *- 20 D pp 87 - 08 pp 89*
 - Abstract of the Disclosure
- Drawing(s)(35 U.S.C. 113) *[Total Sheets 2]*
- Oath or Declaration
 - Newly executed (original or copy) *Unexecuted*
 - Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: _____ /
Prior application information: Examiner: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon which a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Customer Number or Bar Code Label	(Insert Customer No. or Attach bar code label here)			<input type="checkbox"/> Correspondence address below
Name	William S. Frommer FROMMER LAWRENCE & HAUG LLP			
Address	745 Fifth Avenue			
City	New York	State	NY	Zip Code
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Name (Print/Type)	William S. Frommer	Registration No. (Attorney/Agent)	25,506
Signature	William S. Frommer, Jr., Thomas J. Kowalski, Esq.	Date	January 19, 2001

Thomas J. Kowalski, Reg. No. 32,147

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

LF3443

jc713 U.S. PTO
09/766442
01/15/01

FEE TRANSMISSION

Patent fees are subject to annual revision on October 1.
 These are the fees effective October 1, 2000.
 Small Entity payments must be supported by a small entity statement,
 otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

TOTAL AMOUNT OF PAYMENT (\$710.00)

Components of Known	
Application Number	To Be Assigned
Filing Date	Herewith
First Named Inventor	Jean-Christophe Francis AUDONNET
Examiner Name	To Be Assigned
Group/Art Unit	To Be Assigned
Attorney Docket No.	454313-3154.2

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Frommer Lawrence & Haug LLP	
50-0320	

Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17 Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance

2. Payment Enclosed
 Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1)					710.00

2. EXTRA CLAIM FEES

Total Claims	20	-20** =	Extra Claim	Fee from below	Fee Paid
Ind. Claims	1	-3** =	0	X	0
Multiple Dependent			0	X	0
				=	

** or number previously paid, if greater; for reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	80	202	39	Independent claims in excess of 3	
104	270	204	130	Multiple dependent claim, if not paid	
109	80	209	40	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
107	490	207	245	Plant filing fee	
SUBTOTAL (2)					(\$0)

FEE CALCULATION

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205		Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or Cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request of reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth Month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	160	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use Proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive- unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional Applications	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify)					
Other fee (specify)					
SUBTOTAL (3)					(\$)

* Reduced by Basic Filing Fee

SUBMITTED BY		Complete (if applicable)	
Type or Printed Name	William S. Frommer	Reg. Number	25,506
Signature	William S. Frommer, by Thomas J. Kowalski, Reg. No. 325747	Date	01/19/01
		Deposit Account	50-0320

CERTIFICATE OF MAILING - SEPARATE PAPER - PATENT APPLICATION

Attorney Docket No. : 454313-3154.2

Title : IMPROVED DNA VACCINES FOR FARM ANIMALS, IN PARTICULAR BOVINES AND PORCINES

Filed : Herewith

Applicants : Jean-Christophe Francis AUDONNET et al.

Mailed: January 19, 2001 via "Express Mail Label # **EL742666244US**

I hereby certify that the Patent Application for the above-referenced application is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

BOX PATENT APPLICATION
Assistant Commissioner for Patents
Washington, D.C. 20231

Charles Jackson
(Type/printed name of person mailing paper or fee)

Charles Jackson
Signature